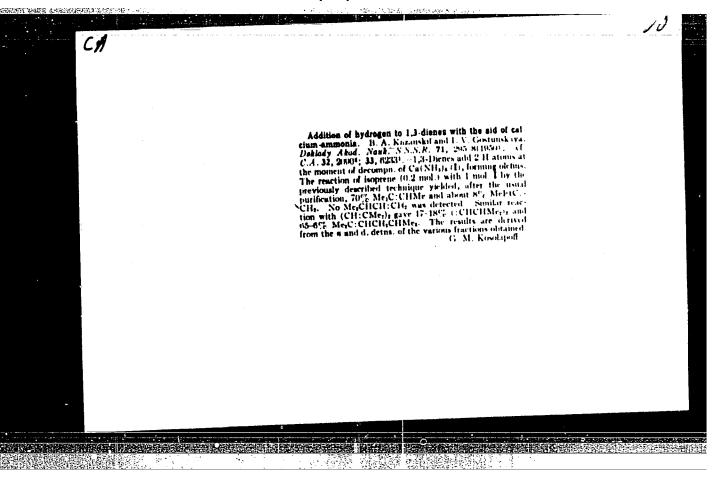
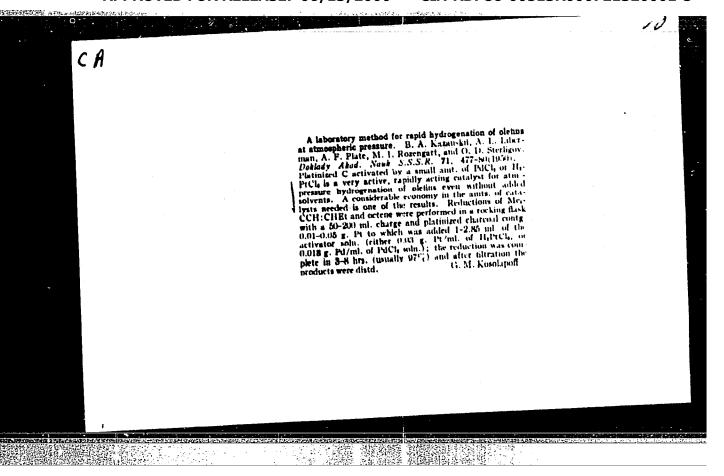
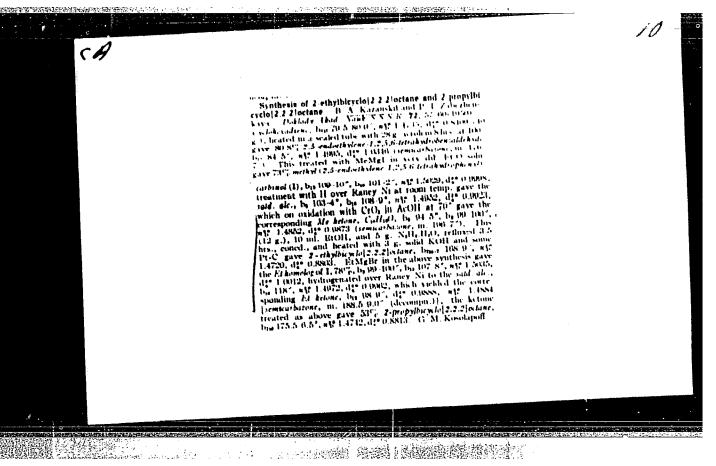
KAZAKSKII, B. A.

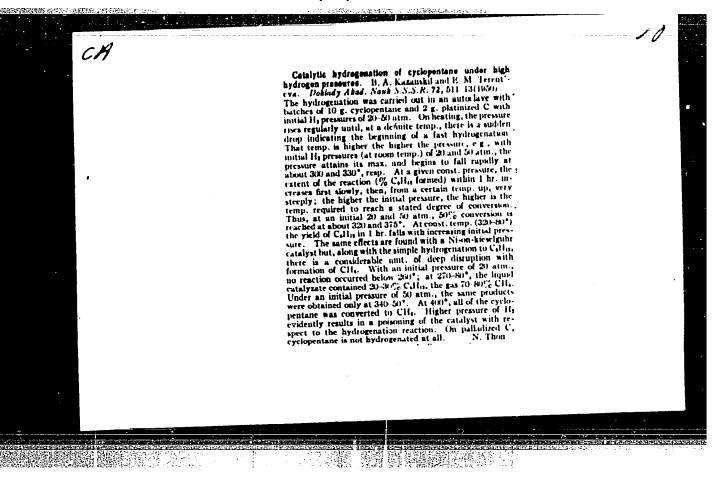
"1, 3-Dimethylcyclopentane." A. V. Koperina, L. M. Nazarova, and B. A. Kazanskii. (p. 1498)

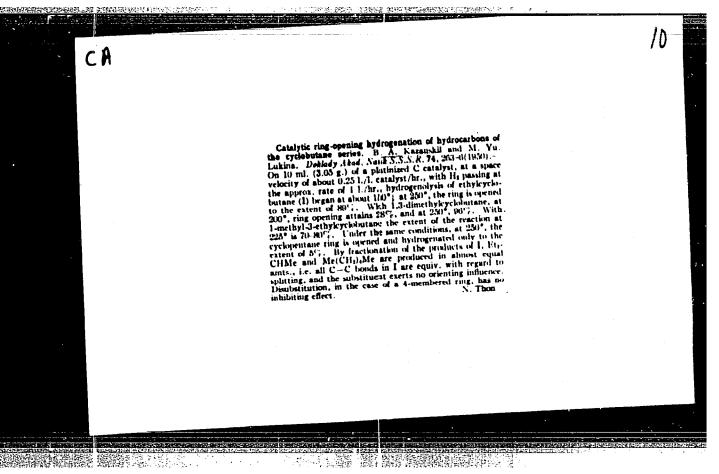
SO: Journal of General Chemistry (Zhurnal Obshchei Khimii) 1950, Vol 20, No S.

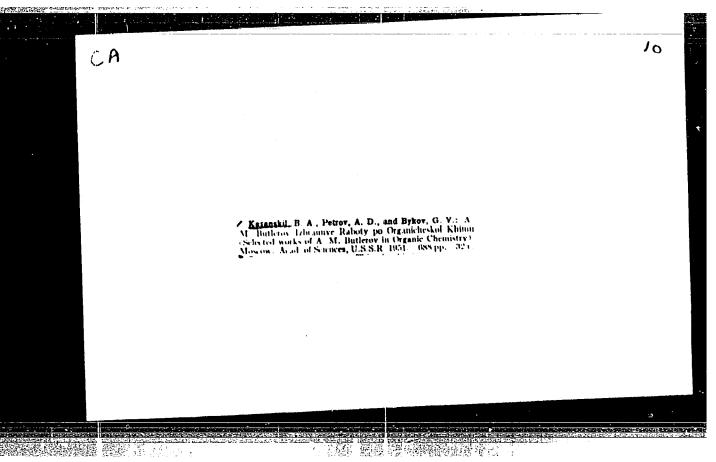












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Virlayusholiyaya sovetskin nobenyy abalemik Wisolay Dnitriyerich Beliceki (The prominent Soviet scientist M. D. Zelinskiy) Monkya, "Pyrala," 1951.

32 v. lingra.

Cataloge' from abstract.

Lecture, dedic tel to the 90th anniversary of the prominent chemist-scientist U. V. Zelinskin, deals with his activities in the field of coemistry, canedially his organization of the Indoretory of Excessive Pressure, the founding of a school for chemist-scientists at the Moscov University and his synthetic research work in nauhtena.

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APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000721320001-5"

KAZANSKIY, B.A.

PA 174T9

USSR/Chemistry - Methallyl Chloride

Jan/Feb 51

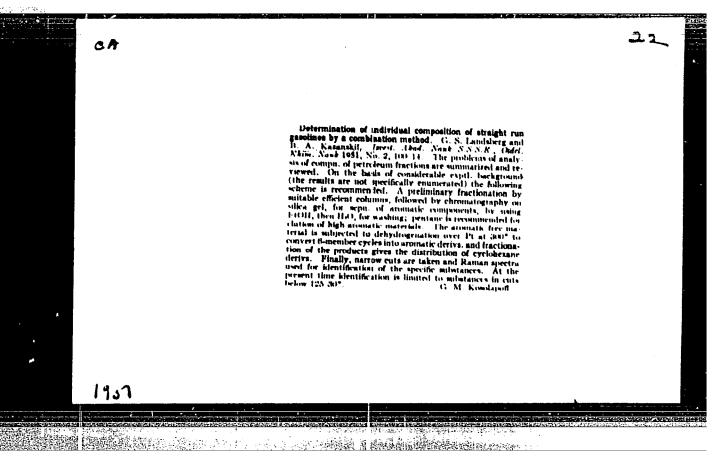
"Synthesis of Hydrocarbons of Cyclobutane Series: Report 1. 1,-3-Dimethylcyclobutane,"
B. A. Kazanskiy, M. Yu Lukina, Inst Org Chem,
Acad Sci USSR

"Iz Ak Nauk SSSR, Otdel Khim Nauk" No 1, pp 47-56

Synthesizes for 1st time 1,3-dimethylcyclobutane, isolated as cis- and trans-isomers. Obtains described series of new disubstitution deriv of cyclobutane. Develops simple method, giving high yield, to obtain methallyl chloride for above synthesis.

LC

17419



PA 19376

KAZAMONIY, B. A.

USSR/Chemistry - Petroleum, Hydrocarbons

Jan/Feb 51

"Lines of Development of Academician N. D. Zelinskiy's Work," B. A. Kazanskiy, A. H. Hesmeranov, A. F. Plate, Moscow

"Unpekh Khim" Vol XX, No 1, pp 18-53

General review of N. D. Zelinskiy's chem achievements in fields of synthesis of hydrocarbons, intraconversions of hydrocarbons, research into the origin of petroleum, cutalytic conversions of heterocyclic systems, and catalytic conversions of org S compds.

19376

KAZAHSKIY, B. A.

19178

USSR/Chemistry . Theory of Structure

Jul/Aug 51

"Review of A. M. Butlerov's 'Selected Works in Organic Chemistry,' Edited and Annotated by Academician B. A. Kazanskiy, Corresponding Member, Academy of Sciences USSR, A. D. Petrov, and G. V. Bykov 1951 ?7," V. M. Rodionov

"Uspekh Khim" Vol XX, No 4, pp 516-519

Outlines Butlerov's work in detail. Deplores Kekule's plagiarism, the lack of recognition by Western European scientists, and the fact that Butlerov's pioneering work remained forgotten by Russian chemists until the early 1940's.

191T8

	0888/CI 2,5-41 2,5-41	In the hitl 1,3-dienes of 1 mol or was observe larly to c of calcium tion of th	"Addition or skiy, I. V.
	USER/Chemistry - Hydrogenation (Contd) 2,5-dimethylhamadicanc2; and the mon 2,5-dimethylhexene-2 with I, it was sh 2,5-dimethylhexane is also formed to s	by hydrogen which has ; by hydrogen which has ; f hydrogen under formati f de exclusively. This re ases where hydrogen was ammoniate (I). In expe e dienes 2,5-dimethylhe	ry - Hydrogenation f Hydrogen at the Time o Isolated Double Bond," A Gostunskaya
178111	monoolefin s shown that to some extent.	reduction of just formed, addn of monoolefin of monoolefin of gers particular formed by decomposeriments on reductional seriments of the serim	21 Jan 51 ts Separa- B. A. Kazan- h07-h10

DUBININ, M.M., akademik, otvetstvennyy redaktor; GAPON, Ye.N.; GAPON, T.B.;

ZHYPAKHINA, Ye.S.; RACHINSKIY, V.V.; BELEN'KAYA, I.M.; SHUVAEVA, G.M.;

ROGINSKIY, S.Z.; YANOVSKIY, N.I.; FUKS, N.A.; KISELEV, A.V.; NEYMARK, I.Ye.;

SLIEYAKOVA, I.B.; KHATSET, F.I.; LOSEV; I.P.; TROSTYANSKAYA, Ye.B.;

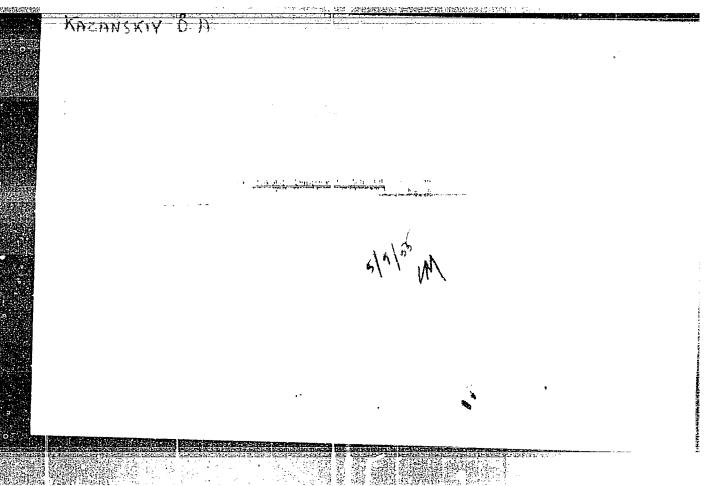
TRVI.INA, A.S.; DAVANKOV, A.B.; SALDADZE, K.M.; BRUMBERG, Ye.M.; ZHIDKOVA,

Z.V.; VEDENEEVA, N.Ye.; NAFOL'SKIY, S.A.; MIKHAYLOVA, Ye.A.; KAZANSKIY, B.A.;

RYABCHIKOV, D.I.; SHENYAKIN, F.M.; KRETOVICH, V.L.; BUNDEL', A.A.; SAVINOV,

[Research in the field of chromatography transactions of the All-Union Conference on Chromatography, November 21-24, 1950] Issledovaniia v oblasti khromatografii; trudy Vsesciuznogo soveshchaniia po khromatografii, 21-24 noiabria 1950 g. Moskva, Izd-vo Akademii nauk SSSR, 1952. 225 p. (MLRA 6:5)

1. Akademiya nauk SSSR. Otdelenie khimicheskikh nauk.
(Chromatographic analysis)



GONIKBERG, M.Q.; GAVRILOVA, A.Ye.; KAZANSKIY, B.A.

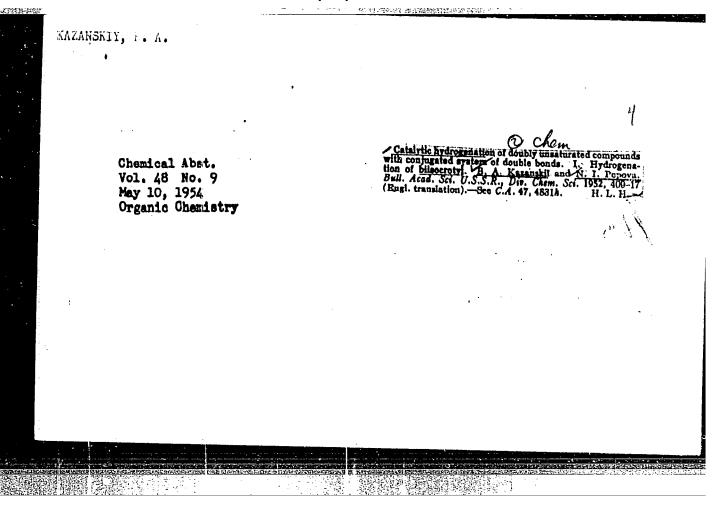
Isomerization of alkanes in the presence of aluminum chloride and hydrogen under pressure. I. Isomerization on n-hexane. Bull. Acad. Sci. U.S.S.R., Div. Chem. Sci. '52, 171-6 [Engl. translation]. (CA 47 no.19:9893 '53)

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	Chemical Abot. Vol. 48 No. 9 May 10, 1954 Organic Chemistry	Synthesis of hydrocarbons of the cyclobutane series. II. I-Methyl-Jethylcyclobutane and bia(3-methylcyclobutyl)- methane. B. A. Nazanski and M. Yu. Lukina. Bull. Acad. Sci. U.S.S.R., Div. Chem. Sci. 1952, 319-24(Engl. translation).—See C.A. 47, 3247c. H. L. H.
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"APPROVED FOR RELEASE: 06/13/2000

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KAZANSKIY. B. A.

USSR/Chemistry - Hydrocarbons, Isomerization

Jan/Peb 52

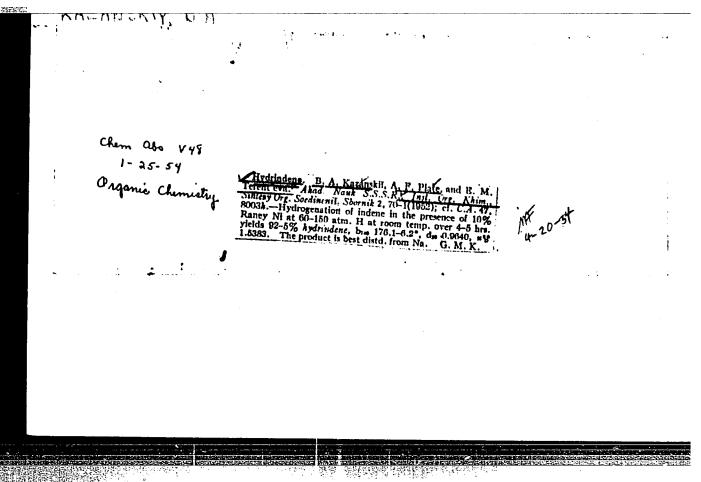
"Isomerization of Alkanes in Presence of AlCl3 Under Hydrogen Pressure, I. Isomerization of n-Hexane," M. G. Gonikberg, A. Ye. Gavrilova, B. A. Kazanskiy, Inst of Org Chem, Acad Sci USSR

"Is Ak Nauk, Otdel Khim Nauk" No 1, pp 157-162

Under elevated hydrogen pressure, cracking is brought to a min and the formation of so-called "lower layers" in the reaction product is avoided altogether.

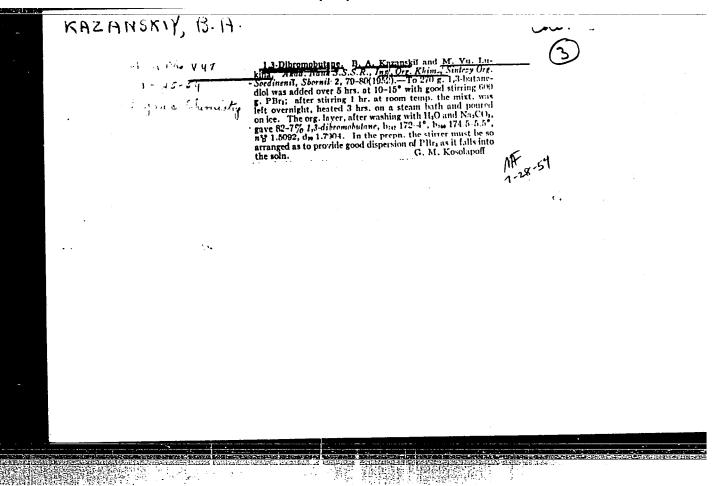
Obtained yields of hexane isomers corresponding to 80% of the original n-hexane. Increasing the hydrogen pressure slows down the isomerization progress. Isomerization proceeds in stages, with 2-methylpentane apparently being formed as an intermediate product in the formation of 2,2-dimethylbutane. Presents some general theories explaining the above process.

208T13



"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000721320001-5



KAZANSKIY, B. A.; POPOVA, N. I.

Diolefins

Catalytic hydrogenation of diolefirs with a conjugated system of double bonds. Part 1. Hydrogenation of diisocrotyl. Izv. AN SSSR Otd. khim. nauk, No. 3, 1952.

9. Monthly List of Russian Accessions, Library of Congress, November 1958, Unclassified.

KA AUDETY, F. A., CUI INA, YU. D.

Hydrocarbons

Synthesis of hydrocarbons of the cyclobytane series. Fart 2. 1-10-thyl-3-ethlene oxide. Zhur. prikl. khim. 25 No. 2 1952.

Jonthly List of Russian Accessions, Library of Congress, August 1952. Unclassified.

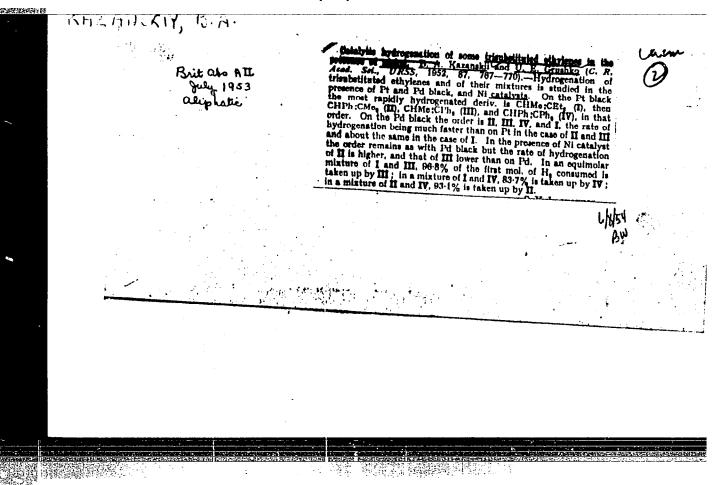
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KAZANSKIY, B. A., LUKINA, M. YU.

Esters

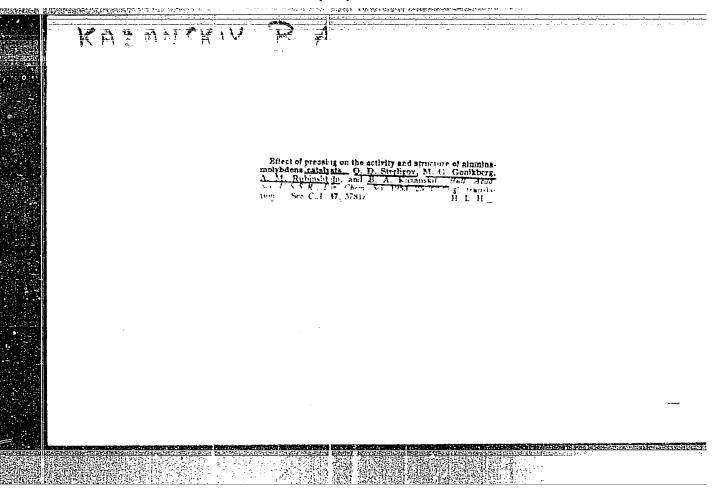
Synthesis of diethyl ester of 1-methylcyclobutane-2, 2-dicarboxylic acid. Dokl, AN SSSR 83, No. 5, 1952 Institut Organicheskoy Khimii Academii Nauk SSSR rcd. 30 Jan. 1952

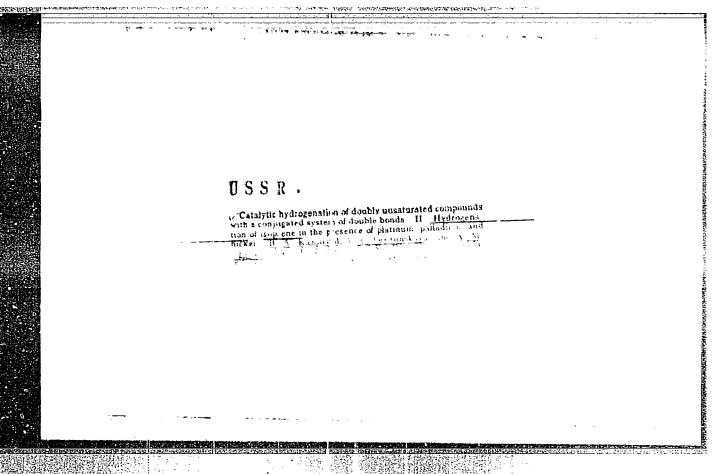
So: Monthly List of Russian Accessions, Library of Congress, August 1957, Uncl.

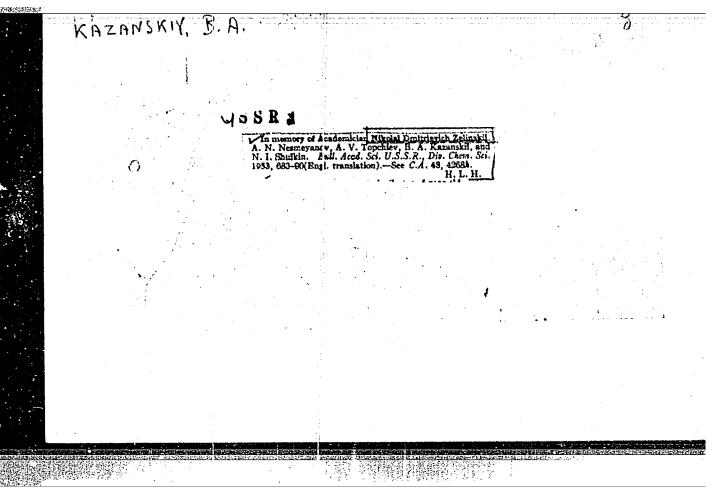


ARBUZOV, A.Ye., akademik; KAZANSKIY, B.A., akademik; PETROV, A.D., chlen-korrespondent AN SSSR; NIKITIN, W.T., chlen-korrespondent AN SSSR; FIGUROVSKIY, B.A., professor, otvetstvennyy redaktor; POGODIN, S.A., professor; ZVYAGINTSEV, O.Ye., professor; YEVTHYMVA, P.M., uchenyy sekretar.

[Materials on the history of Soviet chemistry; reports given at the 2nd All-Union Conference on the History of Soviet Chemistry, 21-26 April 1951] Materialy po istorii otechestvennoi khimii; abornik dokladov na vtorom Vsesoiuznom soveshchanii po istorii otechestvennoi khimii, 21-26 aprelia 1951 g. Moskva, Isd-vo Akademii nauk SSSR, 1953. 318 p. (MLRA 7:4) (Chemistry-History)







"APPROVED FOR RELEASE: 06/13/2000

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USSR/Charlstry - Catalysts

KAZANSKIY. P.A.

J. o/Teb 53

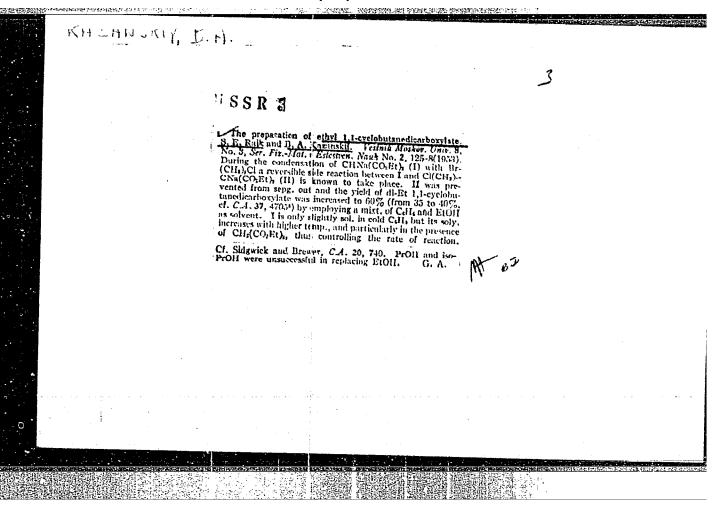
"The Effect of Compression Fressure of the Activity and Structure of the Alumorlybdenum Catalyst," C.D. Sterligov, M. G. Gonikhert, A. H. Bubinshteyn and B. A. Kazanskiy, Inst of Org Chem, Acad Coi USSR

Iz Ak Nauk SSSR, OWhN, No 1, pp 28-36

The authors studied the effect of the degree of corpression pressure (from 2,000 to 20,000 atr) on the structure of the compresset also allybicing catalyst and on its projectivity, specific activity, and stability in the reactions involving the dehydrocyclication of n-heptane and the dehydrogenation of cyclobaxane. They detd that an increase in the corpression pressure leads to an increase in productivity and a decrease in the specific activity of the catalyst (in an equal degree for both reactions studied). They also detd that the stability of the compressed almostybdenum catalyst increases with an increase in the compression pressure (also in an equal degree for both reactions studied). An X-ray examination revealed no change in the primary (X-ray) structure of the cetalyst after it had been subjected to a high hydrostatic pressure.

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Performance of the second seco	•	TO 1000000000000000000000000000000000000	在於古代在"是在的是生物多工品。"	
	USSR/Chemistry - Catalysts, Hydrocarbons "Catalytic Hydrogenation of Conjugated Dienes. II Hydrogenation of Isoprene in the Presence of Flatinum, Palladium, or Nickel," B. A. Kazanskiy, I. V. Gostunskaya; M. Granat, Moscow State U	Hydrogenation of isoprene in the presence of Pd, Ni, or Pt proceeds chiefly with addition of H2 at the l, b positions. With Pt there is less of a selective effect than with Pd or Ni as far as the formation of	hydrogenation products is concerned. The shape of the hydrogenation velocity curves does not characterize the actual course of the reaction.	270711

KAZANSKIY, B.A.

tesm/ Scientists - Chemistry

Card 1/1 Pub. 40 - 1/22

g Nesmeyanov, A. N.; Topchiev, A. V.; Kazanskiy, B. A.; and Shuykin, N. I. Authoro

Title In memory of Academician N. D. Zelinskiy

Periodical g Izv. AN SSSR. Otd. khim. nauk 5, 765-774, Sep-Oct 1953

Abstract # Eulogy by the president and staff members of the Academy of Sciences USSR honoring the death of academician Nikolay Dmitrievich Zelinskiy, famous Russian chemist who died on July 31, 1953 at the age of 93.

Illustration.

Institution :

Submitted

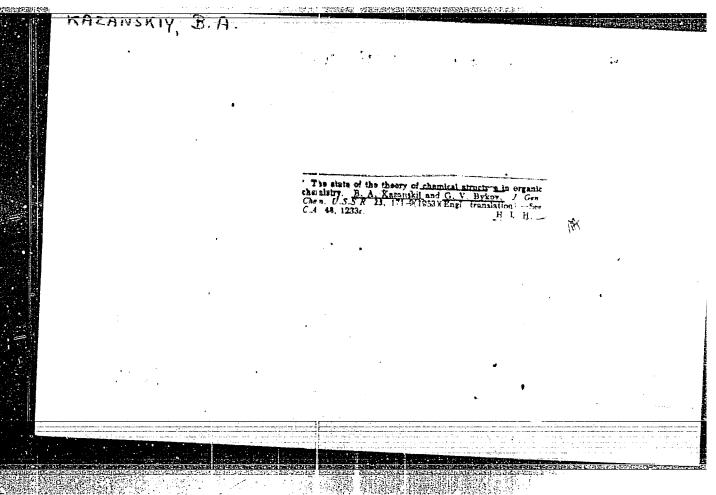
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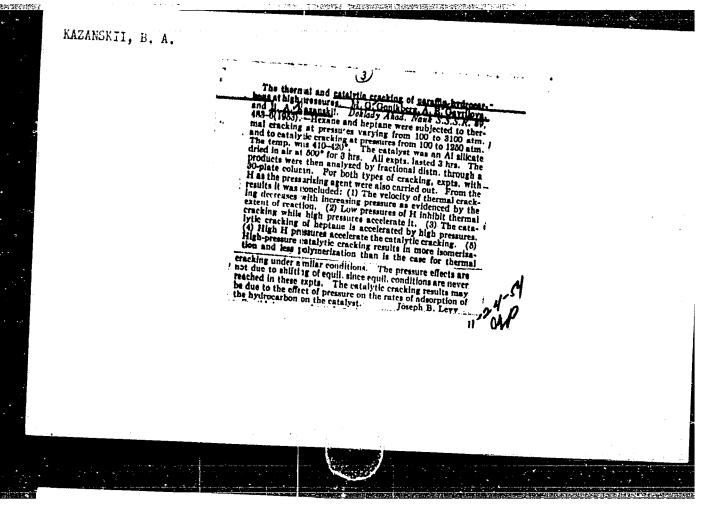
KAZANSTIY, Comparison of 4 dispersiometric methods for the detn of aromatic hydrocarbons in mixts with paraffins and heptane-benzene, n-heptane-toluene, and methyloyclo-hexane-toluene) has been made. Found that relative dispersion values for two-component mixts called acc "Dispersionetric Methods for Determination of Arcmatic Hydrocarbons in Mixtures With Other Types of Hydrocarbons. Analysis of Mixtures Which Do Not itivity and may therefore be used for detn of aro-Sep/Oct 53 271179 M. I. Rozengart, O. D. Sterligov, G. A. Tarasova, Contain Unsaturated Compounds," B. A. Kazanskiy, naphthenes has been made. The method selected as corrections for the analysis of mixts contg benzene and toluene are not required. Detn of disto the formula given, have the property of addpersions of various mixts (n-hexane-benzene, nbest has the advantage that detn of sp wt and Zhur Anal Khim, Vol 8, No 5, pp 245-252 USSR/Chemistry - Analytical, Light Dispersion Inst Org Chem, Acad Sci USSR matic hydrocarbons in mixts.

- 1. KAZANSKIY, B. A.; EIDUS, YA. T.
- 2. USSR (600)
- 4. Krentsel', B. A.
- 7. "Chemical utilization of petroleum hydrocarbon gases." A. S. Nekrasov, B. A. Krentsel'. Reviewed by B. A. Kazanskiy, YA. T. Eidus. Usp. khim., 22, no. 4, 1953.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

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	Chemical Abst. Vol. 48 No. 3 Feb. 10, 1954 Organic Chemistry	The state of the theory of chemical structure in organic chemistry. B. A. Forenekil and G. (181) is the organic observed Khim 23, 163-76 fluty. A discussed a resultant but theories of structure and contained of the interview theory of "contact bands." G. et al. (47) is a forenegative for the contained of the contact bands.
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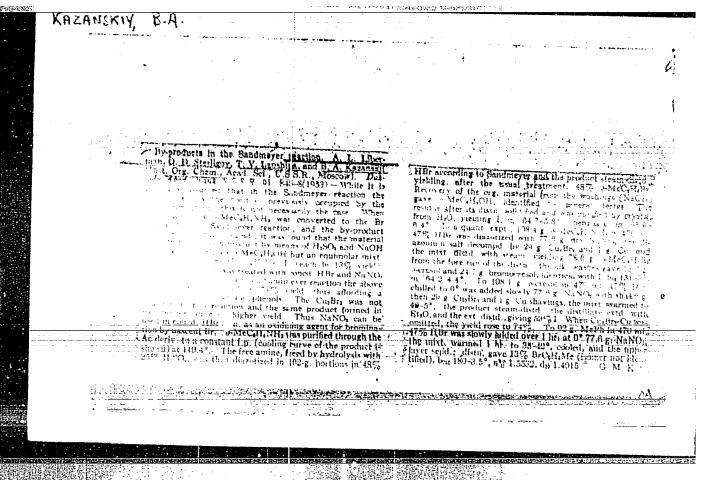


YAKUBOVICH, A.Ya.; MOTSAREV, G.V.; KAZANSKIY, B.A., akademik.

Peculiarities in the halogenation of phenylchlorosilanes. Dokl. AE SSSE 91 no.2:277-280 Jl 153. (MLRA 6:6)

1. Akademiya nauk SSSR (for Kazanskiy). (Halogenation) (Silanes)

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000721320001-5"



BARYSHNIKOVA, A.N.; TITOV, A.I.; KATANSKIY, B.A., akademik.

Mechanism of nitrating unsaturated compounds. Dokl.AN SSSR 91 no.5:1099-1102 Ag '53. (MLRA 6:8)

1. Akademiya nsuk SSSR (for Karanskiy).
(Nitration) (Compounds, Unsaturated)

IEMAIL'SKIY, V.A.; SOLODKOV, P.A.; KAKANSKIY, B.A., akademik.

Absorption spectra of molecular complexes of aromatic amines with quinolinic salts. Investigation of the absorption spectrum of the molecular complex [4-(n -dimethylaminostyryl)-quinoline + 1-ethyl-2-styrylquinolinium iodide]. Dokl. AN SSSR 91 no.5:1119-1122 Ag '53. (MLRA 6:8)

1. Akademiya nauk SSSR (for Kazanskiy). 2. Moskovskiy pedagogicheskiy institut im. V.P.Potemkina. (Absorption spectra) (Quinoline derivatives)

KURSANOV, D.I.; PARNES, Z.H.; KAZANSKIY, B.A.

经验的

Hydrogen-exchange reactions of α , β -unsaturated ketones. Dokl.AN SSSR 91 no.5:1125-1128 Ag 153. (MLRA 6:8)

1. Akademiya nauk SSSR (for Kazanskiy). 2. Institut organicheskoy khimii Akademii nauk SSSR (for Kursanov and Parnes). (Ketones)

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000721320001-5"

DOGADKIN, B.; FKL'DSHTEYN, M.; DOBROMYSLOVA, A.; SHKURINA, V.; KAPLUNOV, M.; KAZANSKIY, B.A., akademik.

Appearance of polymerization in the process of vulcanization. Dokl.AN SSSR 92 no.1:61-64 S 153. (MLRA 6:8)

1. Akademiya nauk SSSR (for Kazanskiy). 2. Moskovskiy institut tonkoy khimicheskoy tekhnologii im. M.V.Lomonosova (for Dogadkin, Fel'dshteyn, Dobromyslova, Shkurins, and Kaplunov).

(Polymers and polymerization) (Vulcanization)

SETKINA, V.H.; BYKOVA, Ye.V.; KAZANSKIY, B.A., akademik.

Hydrogen exchange of standard carboxylic acids. Dokl.AH SSSR 92 no.2:341-343 S '53. (MIRA 6:9)

1. Akademiya nauk SSSR (for Kasanskiy). 2. Institut organicheskoy khimii Akademii nauk SSSR (for Setkina and Bykova). (Carboxylic acids)

TIMOFFYEVA, Ye.A.; NOVIKOV, S.S.; SHUYKIN, N.I.; KAZANSKIY, B.A., akademik.

Dehydrogenation of 71 -pentane. Dokl.AN SSSR 92 no.2:345-348 S '53.

(MLRA 6:9)

1. Akademiya nauk SSSR (for Easanskiy). (Dehydrogenation) (Pentane)

KROLIK, L.G.; LUKASHEVICH, V.O.; KAKANSKIY, B.A., akademik.

Hydrazobenzene hydrochloride and some of its conversions. Dokl.AN SSSE 93 no.4:663-666 D '53. (MIRA 6:11)

1. Akademiya nauk SSSR (for Kasanskiy). 2. Nauchno-issledovatel'skiy institut organicheskikh poluproduktov i krasiteley im. K.Ye. Voroshilova (for Krolik and Lukashevich). (Hydrazonebenzene)

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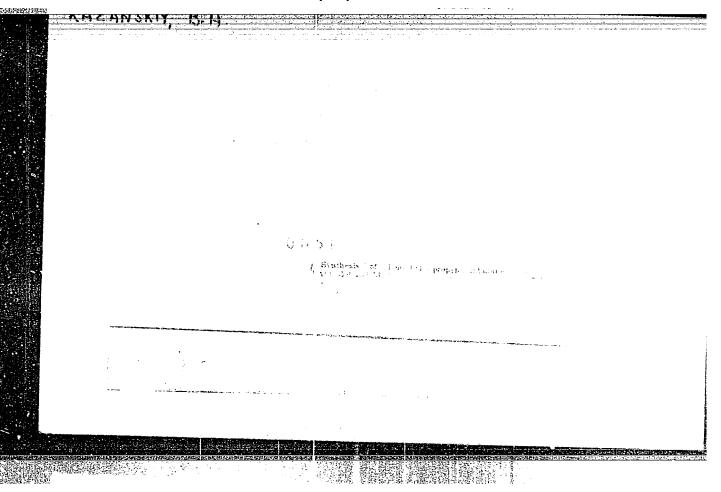
SHOSTAKOVSKIY, M.F.; ANDRIANOV, K.A., chlen-korrespondent; SHIKHIYEV, I.A.; KOCHKIN, L.A.; KAMANSKIY, B.A., akademik.

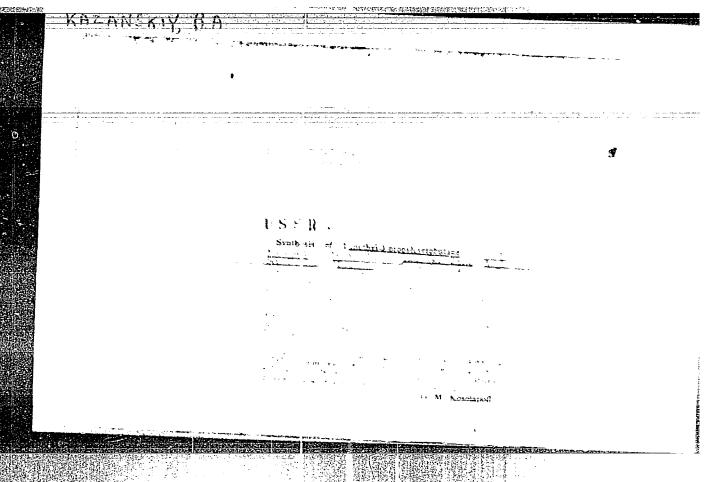
Investigation in the field of synthesis and conversions of oxygen-containing silicon organic compounds. Synthesis of methyl-, ethyl- and isopropyl-triethylsilane acetals. Dokl.AN SSSR 93 no.4:681-683 D '53. (MLRA 6:11)

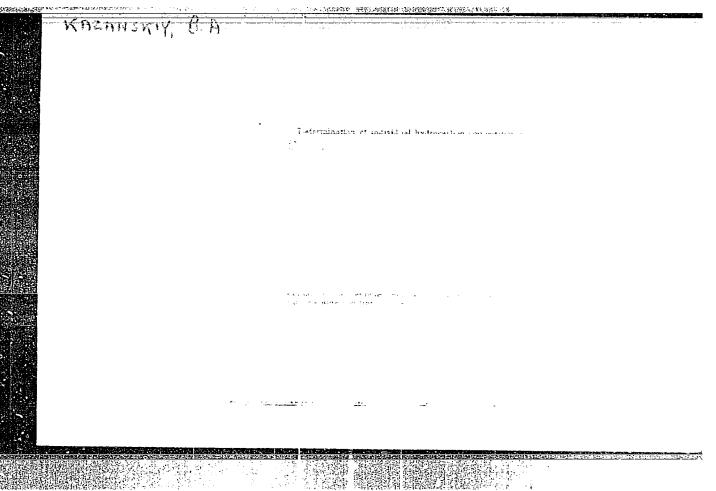
1. Akademiya nauk SSSR (for Andrianov and Kazanskiy). 2. Institut organicheskoy khimii im. N.D.Zelinskogo Akademii nauk SSSR (for Shostakovskiy, Andrianov, Shikhiyev and Kochkin).

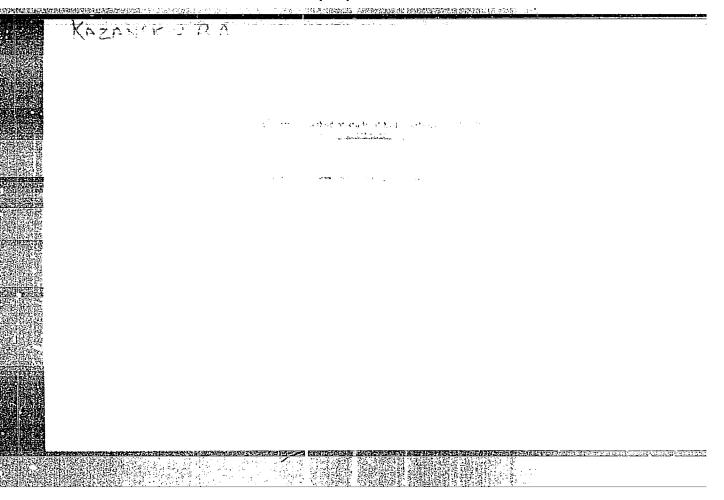
(Acetals) (Silicon organic compounds)

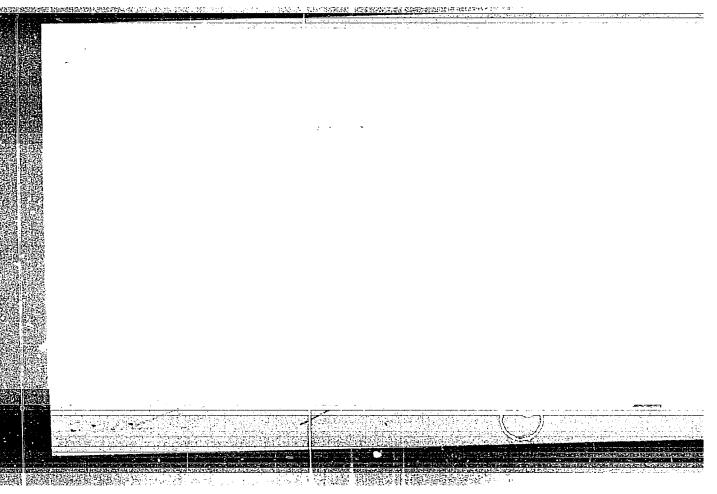
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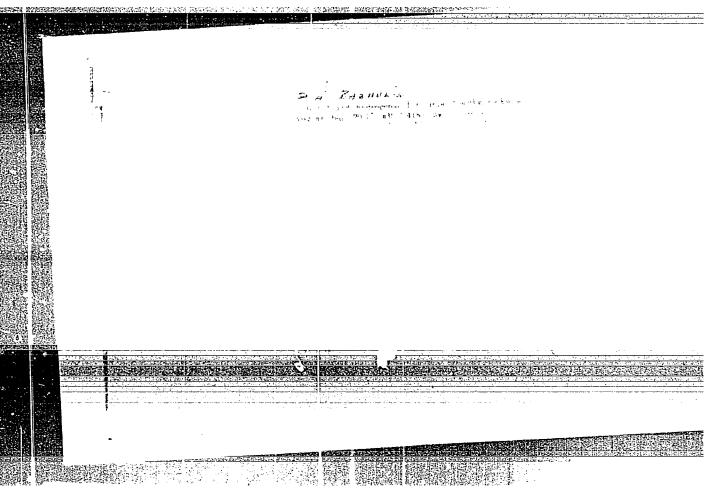


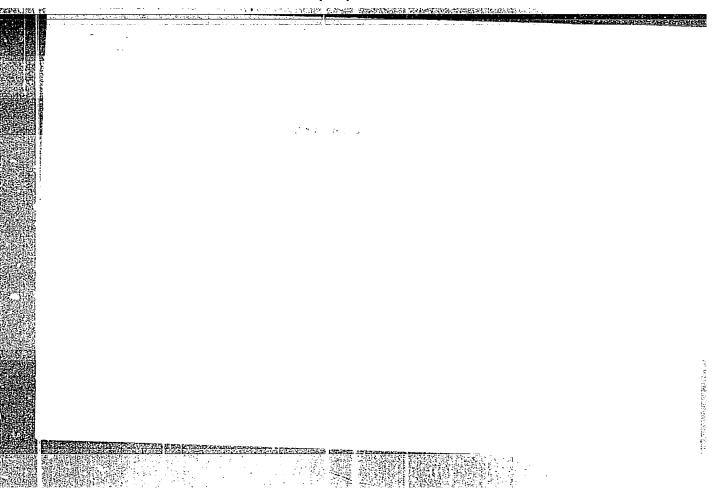


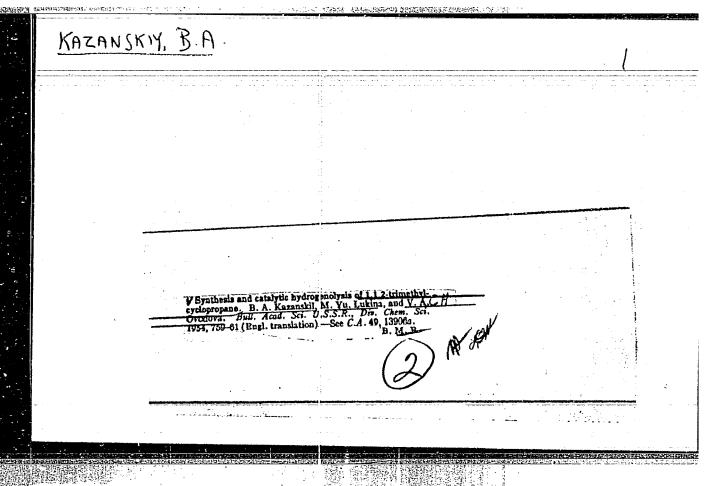


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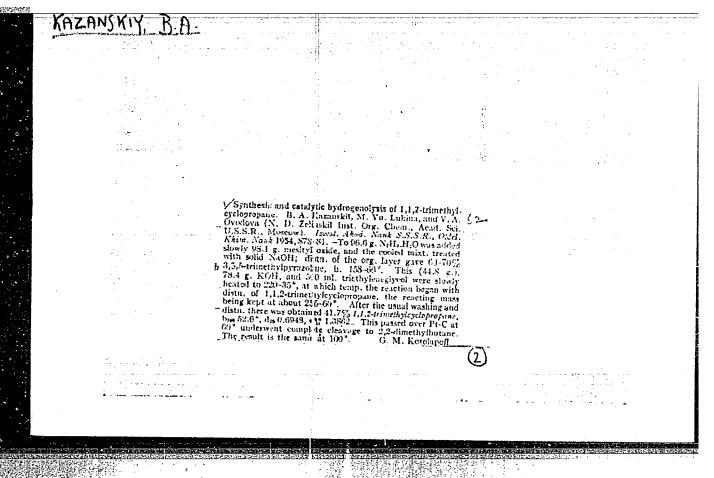




USSR.

Determination of individual hydrocarbons in gazolines by the combined method. V. Gazoline from Emba cinde oil.

B. A. Karawekii, G. J. Landsberg, A. F. Plate, P. A. Rozelini, A. F. Tillerman, E. A. Mikhailavi, M. M. Jar Edina, Sell. G. A. Tursoyn, S. A. Ulkhailavia, M. M. Jar Edina, Sell. G. A. Tursoyn, S. A. Ulkhailavia, M. M. Jar Edina, Sell. G. A. Tursoyn, S. A. Ulkhailavia, M. M. Jar Edina, M. D. Zelinskii Inst. Oig. Chem., Acad. Sel. U.S.S. R., Moscow). Twest. Akid. Natas. S.S.S.R., Oilect. Khoo. Nauk 1954, 885-77. Cl. C.A. 48, 1470h.—Andysis of a gasoline from Emba crude oil by a combination of distar, chromatography, and dehydrogenation-hydrogenation realted in edablishing the structure of \$1.1% of the hydrocarbons present. The gasoline is of naphthenic type, and the parallins are predominantly brunched. The foliawing compals, were identified: 2,2-dimethylpentane, 2.3-dimethylpentane, 2.3-dimethylpentane, 2.4-dimethylpentane, 3-dimethylpentane, 1.4-dimethylpentane, 2.4-dimethylpentane, 3-dimethylpentane, 1.4-dimethylpentane, 1.4-dimethylpentane, 2.4-dimethylpentane, 1.2-dimethylpentane, 2.4-dimethylpentane, 1.2-dimethylpentane, 1.1-dimethylpentane, 2.4-dimethylpentane, 1.2-dimethylpentane, 1.1-dimethylpentane, 2.4-dimethylpentane, 1.2-dimethylpentane, 1.1-dimethylpentane, 1.1-dimethy



KAZANSKIY, B.A.; LANDSBERG, G.S.; PLATE, A.F.; LIBERMAN, A.L.; MIKHAYLO-VA, Ye.A.; BAZHULIN, P.A.; BATUYEV, M.I.; UKHOLIN, S.A.; BULAHOVA, T.F.; TARASOVA, G.A.

Composite method for the determination of individual hydrocarbons in gasolines. Part 3. The Surakhany gasolines. Izv.AN SSSR.

Otd.khim.nauk no.2:278-291 Mr-Ap 154. (MIRA 7:6)

1. Institut organicheskoy khimii im. N.D.Zelinskogo, Fizicheskiy institut im. P.N.Lebedeva Akademii nauk SSSR.
(Hydrocarbons) (Surakhany—Petroleum) (Petroleum—Surakhany)

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000721320001-5"

KAZANSKIY, BA.

USSR/ Chemistry

Fuels

Card

· 1/1

Authors

Kazanskiy, B.A., Landsberg, G.S., Plate, A.F., Bazhulin, P.A., Liberman, A.L., Suschinskiy, N.M., Tarasova, G.A., Ukholin, S.A., Veron'ko, S.V.
 Combined method for the determination of the individual hydrocarbon

Title

combined method for the determination of the individual hydrocarbon composition of gasolines. Part h. - Gasoline from the Tuymazinsk petroleum.

Periodical

: Izv. AN SSSR, Otd. Khim. Nauk., 3, 456 - 469, May - June 1954

Abstract

The results obtained from the study of the individual hydrocarbon composition of gasoline with end point of 150°, derived from low-sulfur Tuymazinsk petroleum (Devonian horizon), are described. The quantitative, individual hydrocarbon composition of Tuymazinsk gasoline and the general losses are presented in percentage by weight values. The structure of paraffin-base gasoline derived from Tuymazinsk petroleum and the aromatic contents of other hydrocarbons are discussed. Toluene and m-xylene were found to be predominant among aromatic hydrocarbons. Four USSR references. Tables, graphs.

Institution :

Acad. of Sc. USSR, The P. N. Lebedev Physics Institute

Submitted

July 20, 1953

KAZANSKIY, B. F

USSR/Chemistry - Analytical chemistry

Card 1/2

Pub. 40 - 16/27

Authors

Kazanskiy, B. A.; Landsberg, G. S.; Plate, A. F.; Liberman, A. L.; Mikhaylova, E. A. Sterlin, Kh. E.; Balanova, T. F.; Landsberg, Va.

Title

Aleksanyar, v. 1. Determination of the individual hydrotant to be offered

Periodical 1

Izv. AN SSUR. Otd. khim. nauk 6, 1053-1056, Nov-Dec 1- 2

toersteds

The individual hydrocarbon composition of straight run rasonales of A

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means of a structural methods of

enterior of the British of the American

Institution

that we can now make the D. Relinskiy Institute of the other for

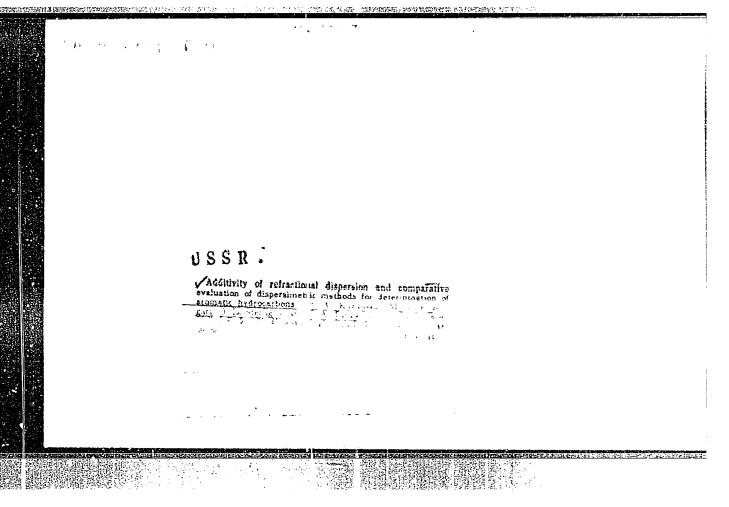
Submitted : December 19, 1953

Feriodical: Izv. AM DEER. Ctd. khim. mauk 6, 1053-1066, Nov-Tec 1954

Card 2/2 Fub. 40 - 16/27

Abstract : The pasoline from the shove mentioned source was for item to be a long-

Mayor a of arematic hydrocarbons (16.374). The parent of the areffects hydrocarbons are the second of the areffects hydrocarbons (16.374).



KNIANSKY, B.A.	2388. On the paper by B. Y. Johol "Additivity of refraction dispersion and comparative evaluation of dispersions methods of determining around the paper by K. John J.	
WUR GENERAL DEUTSTEMANIA DE LA PROPRIO MANTENANCES	CHICAGO DE COMPANS DE	des deux des principales de la constantina della

FD-1508

USSR/Chemistry - Catalysis

Card 1/1

: Pub. 129-11/18

Author

: Kazanskiy, B. A. and Temkina, V. Ya.

Title

: Hydrogenation of diphenylfulvene in the presence of nickel

Periodical

: Vest. Mosk. un., Ser. fizikomat. i yest. nauk, 9, No 6, 91-93, Sep 54

Abstract

: The kinetic curve for the hydrogenation of diphenylfulvene over a skeletal nickel catalyst differs from that over a palladium catalyst. According to data from incomplete hydrogenation, the reaction proceeds just as selectively as over the palladium catalyst. Quadri-substituted ethylene, such as cyclopentylidenediphenylmethane, hydrogenates over

skeletal nickel. Eight references (Six USSR)

Institution : Chair of Organic Catalysis

Submitted

: January 25, 1954

CIA-RDP86-00513R000721320001-5" APPROVED FOR RELEASE: 06/13/2000

KHCHNSKIY, B.W. USSR/Chemistry - Fuels

FD-1144

Card 1/1

Pub. 129-8/23

Author

: Slovokhotova, T. A.; Sovalova, L. I.; Kazanskiy, B. A.; Balandin, A. A.

Title

: Catalytic conversion of isomeric octanes with water over a nickel and

kieselguhr catalyst

Periodical

: Vest. Mosk. un., Ser. fizikomat. i yest. nauk, 9, No 7, 65-72, Oct 1954

Abstract

: Saturated hydrocarbons react with water over a nickel and kieselguhr catalyst forming products of gradual demethylation of the original hydrocarbon. The degree of conversion depends on the structure of the hydrocarbon. 2, 2, 4. Trimethylpentane reacts slower than the 2, 2, 3

isomer. Eight curves. Ten references (five USSR).

Institution : Chair of Organic Chemistry

Submitted

: February 1, 1954

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000721320001-5"

KAZANSKIY, B.A. USSR/Scientific Organization - Conventions Pub. 124 - 13/26 Card 1/1 Kazanskiy, B. A., Academician Authors 27年四年4月年1日中共1日中共1日日 At the annual meeting of the French Physico-Chemical Society Title Vest. AN SSSR 10, 68-71, Oct 1954 Periodical : Report is made by the chief of the Soviet delegation attending the fourth Abstract annual meeting of the French Physico-Chemical Society in Paris, France, during June 8-11, 1954. The countries represented at this scientific session are listed. The delegations visited the French Petroleum Institute where they observed laboratory experiments on the desulfurization of petroleum products, dehydrogenation of isopropyl alcohol in liquid phase in the presence of Raney's nickle (catalyst), photochemical chlorination of hydrocarbons, etc. Institution: Academy of Sciences USSR Submitted

KAZANSKIY, B.A.

USSR/Physics - Spectral analysis

Card 1/1 Pub. 43 - 34/62

Authors : Aleksanyan, V. T.; Lukina, M. Yu.; Sterin, Kh. Ye.; and Kazanskiy, B. A.

Title : Combined diffusion spectra of certain hydrocarbons of the cyclobutane series

Periodical : Izv. AN SSSR. Ser. fiz. 18/6, 699-702, Nov-Dec 1954

Abstract : The results obtained in studying the spectra of nine cyclobutane hydrocarbons are analyzed. An interpretation of the various frequencies and their forms (trans-cis, etc.) is given. Two references: 1 USA and 1 USSR

(1943-1954). Table.

Institution: Acad, of Sc., USSR, The N. D. Zelinskiy Inst. of Organ. Chem. and the

Commission on Spectroscopy

Submitted :

KAZANSKIY, B. A.

USSR/ Physics - Spectral analysis

Card 1/1 Pub. 43 - 36/62

: Kazanskiy, B. A.; Landsberg, G. S.; Aleksanyan, V. T.; Bulanova, T. F.; Liberman, A. L.; Mikhaylova, Ye. A.; Plate, A. F.; Sterin, Kh. Ye.; and Authors

Ukholin, S. A.

: Analysis of aromatic ligroin parts by the combined diffusion spectra Title

Periodical: Izv. AN SSSR. Ser. fiz. 18/6, 704-706, Nov-Dec 1954

: Brief report is presented on the method and some results obtained during Abstract individual and close-group analysis of primary and secondary aromatics of ligroin. Analysis of results obtained showed that the basic ligroin (taken from the Embensk Petroleum Source) contained alkyl substitutes of

benzene and cyclohexune with short term substituting radicals. Three

references: 1 USA and 2 USSR (1947-1953). Tables.

Acad. of Sc., USSR., The N. D. Zelinskiy Inst. of Organ. Chem. and the

Commission on Spectroscopy

Submitted

USSR/APPROVED FOR RELEASE: 06/13/2000 Catalytic conversions CIA-RDP86-00513R000721320001-5"

Card : 1/1

Authors

Pub. 151 ~ 11/33

: Khromov, S. I., Balenkova, E. S., Akishin, P. A., and Kazanskiy, B. A.

Title Contact conversions of propylcycloheptane in the presence of a platinized

carbon

: Zhur. ob. khim. 24/8, 1360 - 1364, August 1954 Periodical

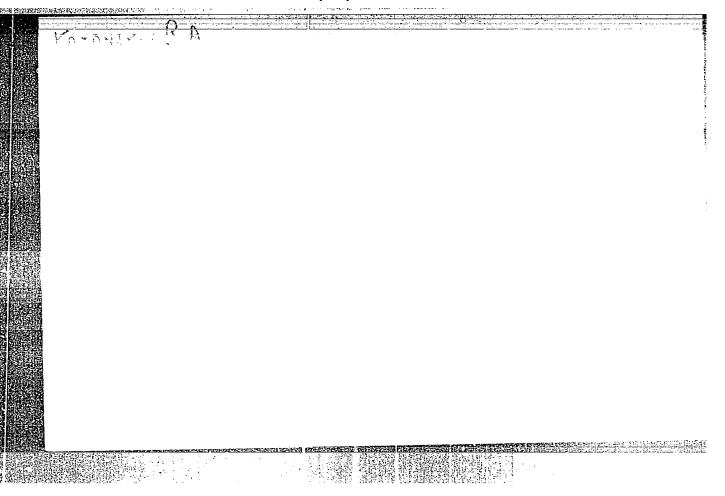
: Contact conversions of propylcycloheptane were investigated in the Abstract presence of platinized carbon at 3200. It was established that such

contact conversion reactions take place with the formation of large quantities of 1-mothyl-1-propylcyclohexane and some aromatic hydrocarbons (toluene, propylbenzene, butylbenzene, o-, m- and p-methyl propyl benzenes). The approximate ratio of hydrocarbons in the total catalysate

mass of contact conversion of propylcycloheptane, is described. Seven references: 6 USSR and 1 USA (1937 - 1954). Tables.

Institution : State University, Moscow

Submitted : March 6, 1954



KAZANSKIY, B.A.

tesm/Chemistry - Catalytic conversion

Card 1/1

Pub. 151 - 15/42

Authors

: Khromov, S. I.; Balenkova, E. S.; and Kazanskiy, B. A.

Title

Contact conversions of butylcycloheptane in the presence of platinized

8 Zhur. ob. khim. 24/9, 1562-1566, Sep 1954

Abstract

Periodical

The behavior of butylcyclofentane in conditions of dehydrogenating catalysis was investigated. Contact conversion of butylcyclopentane over platinized carbon was studied at 320°. It was established that such contact conversions result in the formation of large quantities of 1-methyl-1-butylcyclohexane and aromatic hydrocarbon mixtures consisting of toluene, butylbenzene, o-, m- and p-methylbutylbenzenes, the fractional composition of which are shown in tables. Four refer-

ences: 3-USSI and 1-USA (1937-1954).

Institution : State University, Moscow

Submitted

: March 6, 1954

KAZANSKIY, B. A.

AID P - 206

Subject

: USSR/Engineering

Card

: 1/1

Authors

Landsberg, G. S. and Kazanskiy, B. A.

Title

Comments on "The Soviet Atlas of Spectra of Composed

Dispersion of Hydrocarbons" of M. D. Telicheyev

(No. 8, 1953)

Periodical

Neft. khoz., v. 32, #3, 31-36, Mr 1954

Abstract

The authors of these comments replied to Telicheyev's criticism of the work conducted from 1941 to 1950 in the laboratories of various scientific institutions on the spectra of composed dispersion of hydrocarbons. The precision of determination of purity of hydrocarbons with the evaporation and freezing points is analysed.

11 Russian references (1941-53).

Institutions:

Optical Laboratory of Physical Inst. im. P. N. Lebedev; The Laboratory of Catalytical synthesis of Inst. of Organic Chemistry im. N. D. Zelinskiy, Ac. of Sci., USSR; and the Laboratory of Organic Chemistry of Moscow

University.

Submitted

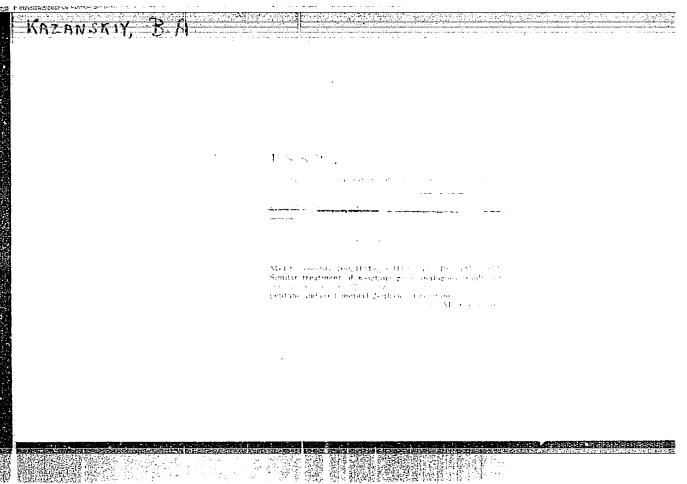
No date

KAZANSKIY, B.A.

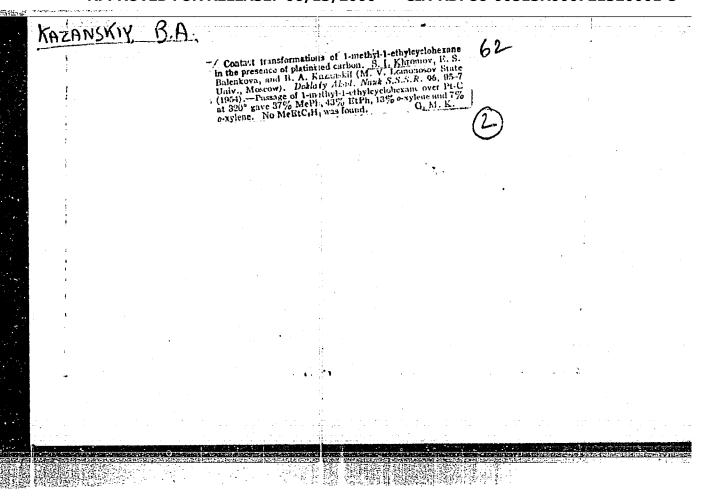
Synthesis of 1,2-dimethylcyclobutane. B. A. Karanskil and M. Yu. Lukina (N. D. Zelinskil Inst. Org. Chem. Acad., Sci. U.S.S.R., Moscow). Doklady Akal. Nauk S.S.S.R. 94, 887-9(1054).—Hydrolysis of di-Et 1-methylcyclobutane. 2,2-dicarboxylate gave 80.5% 1-methylcyclobutane. 2 carboxylac acid, but 19-203°, n. 14402, drs. 1.0112. The acid chloride with PhNH gave the antilde, m. 128.5-9.0° (from dil. EtOH). Passage of the mixt. of the acid and HCOsH over MnO at 315° gave 59.8% 1-methylcyclobutane. 2-carboxyaldehyde, bm. 122-0°, n. 120. 1.4298, dm.

0.8934; semicarbazzne, m. 124.3-4.5°. Reduction of the hydrazzne of the aldelyde according to Kishner's method gave 10.6% 1,2-dimethyleyclobulane. The trans isomer, point 54.0°, nrg 1.3893, drg 0.7029, f.p. -122.5°, anilline point 54.0°, was sepd, by distn. The higher boiling fractions contained varying proportions of the cis isomer; these comprised only a small fraction of the total yield. The cis form is estd, to boil at 67-8°.

G. M. Kosolapeff



KAZANSKY & A USSR. 1. Citalytic spilitation of lacottons with formation of a frequency of the control of the c



KAZANSKTY, B. A.

USSR/Chemistry

Card 1/1

Authors

Khromov, S. I., Balenkova, E. S., and Kazanskiy, B. A. Academician

Title

Contact conversions of 1-methyl-1-propylcyclohexane in the presence of platinized carbon

Periodical

Dokl. AN SSSR, 96, Ed. 2, 295 - 297, May 1954

Abstract

Synthesized hydrocarbon 1-methyl-1-propylcyclohexane was contacted at 320° with a 10%-platinized carbon, as a result an aromatic hydrocarbon and immutable basic hydrocarbon mixture was obtained. The aromatic hydrocarbons separated through chromatographic adsorption over silica gel were subjected to thorough fractionation over a column with an effectiveness of 40 theoretical plates. It was established that the trend of the contact conversion processes for 1-methyl-1-propylcyclohexane is the same as in the conversion of 1-methyl-1-ethylcyclohexane. Four USSR references, since 1937. Tables, Graphs.

Institution

The N. V. Lomonosov State University, N. D. Zelinskiy Laboratory of Organic Chemistry, Moscow.

Submitted

: February 26, 1954

KAZANSKIY, B. A.

USSR/Chemistry

Card

: 1/1

Authors

: Cavrilova, A. E., Conikberg, M. G., Plate, A. F., and Kazanskiy, B. A.

Academ. Title

1 Thermal decomposition of methylcyclopentane at high hydrogen pressures

Periodical : Dokl. AN 393R, 96, Ed. 5, 987 - 990, June 1954

Abstract

. It was established experimentally that an increased hydrogen pressure results in noticeable reduction in the rate of decomposition of methylcyclopentane and increases the yield of liquid reaction products and unconverted methylcyclopentane. The fraction of cyclopentane in methylcyclopentane conversion products increases in proportion to the increase in hydrogen pressure. An increase in hydrogen pressure decreases the yield of the radical with boiling point of over 800 (to 7 - 10%) after which it remains practically unchanged. Ten references. Tables, graphs.

Acad. of Sc. USSR, The N. D. Zelinskiy Institute of Organic Chemistry Institution :

Submitted April 14, 1954

ZAZAMSET, B. A.

USSR/Chemistry

Catalysis

Card

: 1/1

Authors

* Khromov, S. I., Balenkova, E. S., Akishin, iP. A. and Kazanskiy,

Title

B. A., Academ.

Contact conversions of 1-methyl-1-butylcyclohexane in the presence of platinum coated carbon

Periodical

Dokl. AN SSSR, 97, Ed. 1, 103 - 106, July 1954

Abstract

Formula is given showing the trend of the chemical reaction leading to the conversion of 1-methyl-1-butylcyclohexane over a platinum coated carbon catalyst. The formation of naphthalin during contact conversions of such hydrocarbons is explained by the secondary chemical conversions occurring during the catalysis of butyl benzone. The approximate ratio of aromatic hydrocarbons found in the catalysate obtained from contact conversion of 1-methyl-1-butylcyclohexane, is described. Five references: 4 USSR, 1 USA. Tables, graph.

Institution :

The M. V. Lomonosov State University, The N. D. Zelinskiy Lab. of Org.

Chem., Hoscow.

Submitted

April 27, 1954

KAZANSKIY, B. A. --

USSR/Chemistry - Catalysis

Card 1/1

Pub. 22 - 29/46

Authors

Lukina, M. Yu; Ovodova, V. A.; and Kazanskiy, B. A., Academician

Title

Catalytic hydrogenolysis of ethylcyclopropane and methylcyclobutane

Periodical

Dok, AN SSSR 97/4, 683-686, Aug 1, 1954

Abstract

Cyclopentane, methylcyclobutane and ethylcyclopropane were subjected to catalytic hydrogenation for the purpose of comparing the easiness of hydrogenolysis of three-, four- and five-membered hydrocarbon cycles. The break in the C-C bond for the three hydrocarbons was established at temperatures ranging from 50 to 250°. The trend in the rupture of the C-C bonds is distinguished by specific characteristics, which are explained in chemical formulas. Nineteen references: 10-USSR, 6-USA; 1-German; 1-English and 1-Dutch (1907-1953). Tables.

Institution: ...

Submitted : June 10, 1954

MARKOVNIKOV, V.V.; PLATE, A.F., doktor khimicheskikh nauk, redaktor;
BYKOV, G.V., bandidat khimicheskikh nauk, redaktor; PETHOVSKIY,
I.B., akademik, redaktor; BYKOV, K.M., akademik, redaktor; KAZAHSKIY, B.A., akademik, redaktor; SHMIDT, O.Yu., akademik, redaktor;
ANDRETEV, N.N. akademik, redaktor; SHCHERBAKOV, D.I., akademik,
redaktor; YUDIN, P.F., akademik, redaktor; DELONE, B.N., redaktor
KOSHTOYANTS, Kh. S., redaktor; SAMARIN, A.M., redaktor, LEBEDEY,
D.M., professor, redaktor; FIGUROVSKIY, N.A., professor, redaktor;
KUZNETSOV, I.V., kandidat filologicheskikh nauk, redaktor; STERLIGOV, O.D., redaktor; ZEMLYAKOVA, T.A., tekhnicheskiy redaktor

[Selected works] Izbrannye trudy. Redaktsiia, stat'i i primechaniia A.F. Plate i G.V. Bykova, Moskva, Izd-vo Akademii nauk SSSR 1955. 926 p. (MLRA 8:10)

 Chlen-korrespondent AN SSSR (for Delone, Koshtoyants, Samarin) (Chemistry) (Markovnikov, Vladimir Vasil'evich 1837-1904)

KAZANOKIY, B.A

ZELINSKIY, Nikolay Dmitriyevich, 1861-1953 [deceased] KAZANSKIY, B.A., akademik; BALANDIN, A.A., akademik; KOCHESHKOV, K.A.; SHUYKIN, N.I.; KAVERZNEVA, Ye.D., doktor khimicheskikh nauk; LEVINA, R.Ya., doktor khimicheskikh nauk; PLATE, A.F., doktor khimicheskikh nauk; MUBINSHTEYN, A.H., doktor khimicheskikh nauk; YUR'YEV, Yu.K., doktor khimicheskikh nauk; KISELEVA, A.A., tekhnicheskiy redaktor.

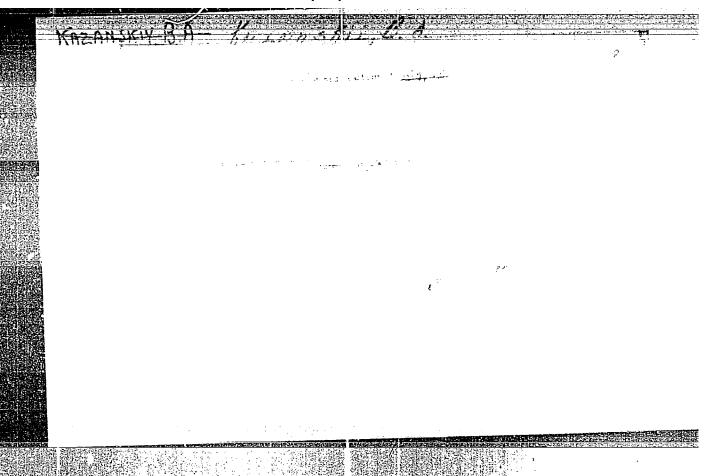
[Collected works] Sobranie trudov, Moskva, Izd-vo Akademii nauk SSSR. Vol. 2. 1955. 743 p. (MLRA 8:11)

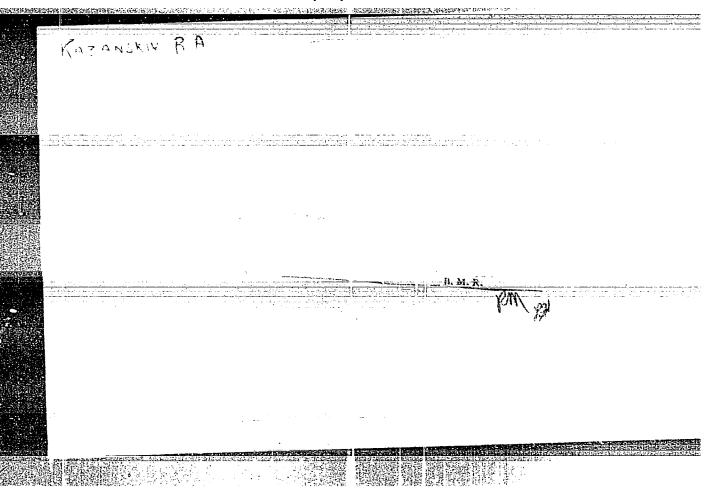
1. Chlen-korrespondent AN SSSR(for Kocheshkov and Shuykin)
(Hydrocarbons) (Petroleum)

ZELINSKIY, N.D.; KAZANSKIY, B.A., akademik; BALANDIN, A.A., akademik; KOCHESHKOV, K.A.; SHUYKIN, N.I.: KAVERZNEVA, Ye.D., doktor khimicheskikh nauk; LEVINA, R.Ya., doktor; khimicheskikh nauk; PLATE, A.F.; doktor khimicheskikh nauk; RUBINSHTEYN, A.M. doktor khimicheskikh nauk; YUR'YEV, Yu.K., doktor khimicheskikh nauk.

[Collected works] Sobranie trudov. Moskva, Izd-vo Akad.nauk SSSR. (MLRA 8:8)

1. Chlen-korrespondenty AN SSSR (for Kocheshkov, Shuykin)





KAZANSKIY.	B.A.	Thermal decomposition and destructive hydrogenation of hydrogenous under high pressure of hydrogen. B. A. Karanskil, M. G. Sonikberg, A. F. Plate, A. F. Gayrilova, and V. E. Nikitenkov (N. D. Zelinskil Inst. Org. Chem. Acad. Sci., Moscow). Kalalitickiske Glavinownie Ohistent, Akad. Neutr Kasakh. S.S.R., Trudy Konf. 1955. 121-34.—The previously reported results on hydrogenolysis of parafins, methylcyclopentane and MePh are summarized; cf. C.A. 49, 8155; 8825h. Possible mechanisms of the cleavage are discussed.					
	No. december 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -	July 32					
	and the state of t		SCORES PARA SHIP STATE OF THE STATE ST				

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000721320001-5

Catalytic hydrogenation of doubly unsaturated compounds with conjugated system at double bonds. III. Hydrogenation of 2.3 dimethyl 1.1 but delene in the presence of platinum, nickle and pall dim.

| Description |

KAZANSKIY, B. A.

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000721320001-5"

Isomerization of ethylcyclopropase on silica gel under conditions of chromatographic analysis. B. A. Kazanskii, V. T. Aleksanyan, M. Yu. Lukina,

A. I. Malyshey, and Kh. E. Sterin (N. D. Zelinskii Inst. Org. Chem., Acad. Sci.,

Moscow). Izvest. Akad. Nauk S.S.S.R., Otdel. Khim. Nauk 1955, 1118-19.—Passage
of carefully purified ethylcyclopropane through a column with silica gel at 1.79

Cooling jacket) gave a product which instantly decolorized Br water and had a

Raman spectrum indicative of the presence of 68% starting material, 12% cis-2-pentene,
17% trans-2-pentene and 3% 1-pentene.

G. M. Kosolapoff

(Clipped downed)

Pm sext

I-12

KAZANSKIY, B.A.

USSR/Chemical Technology - Chemical Products and Their

Application. Treatment of solid mineral fuels

Abs Jour : Referat Zhur - Khimiya, No 4, 1957, 12869

Author : Kazanskiy B.A., Gonikberg M.G., Lozovoy A.V., Gavrilova

A.Ye., Blonskaya A.I.

Inst : Institute of Mineral Fuels of the Academy of Sciences

USSR

Title : Investigation of Hydrogenation of Coal at Hydrogen

Pressure Above 1000 Atm.

Orig Pub : Tr. In-ta goryuchikh iskopayemykh AN SSSR, 1955, 6, 3-15

Abstract : Investigation, under laboratory conditions, of the hy-

drogenation of coal at 4200 and pressure of 300-1700 atmospheres, with and without an Fe catalyst. It is shown that under the given conditions, the Fe catalyst has no effect on the hydrogenation process. Increase in pressure from 300-400 to 1200-1500 atmospheres dou-

bles the total yield of gasoline and middle oil fraction,

Card 1/2

- 2:23 -

KAZANSKIY, B.A.; LEVINA, R.Ya.; YUR'YEV, Yu.K.

TOP WESTERN

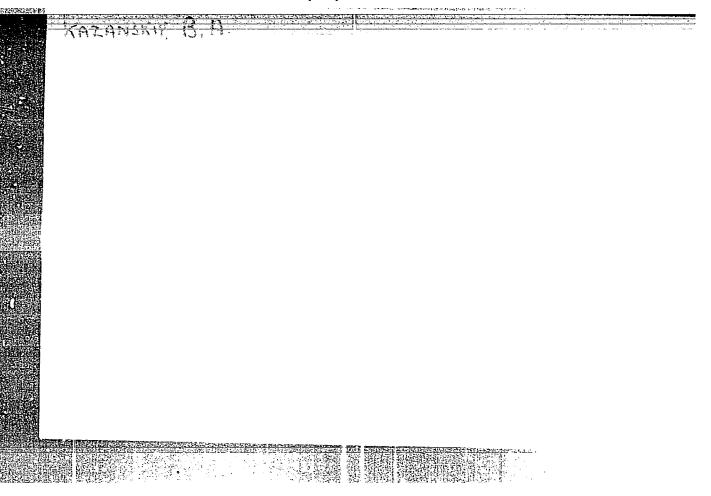
The chemistry of hydrocarbons and heterocyclic compounds in the works of N.D.Zelinskii and his school. Vest. Mosk. un. 10 no.45:145-167 Ap-My '55. (MIRA 8:8) (Hydrocarbons) (Zelinskii, Nikolai Dmitrievich, 1861-1953)

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000721320001-5"

ALEKSANYAN, V.T.; STERIN, Kh.Ye.; LIBERMAN, A.L.; MIKHAYLOVA, Ye.A.
PRYANISHHIKOVA M.A.; KAZANSKIY, B.A.

Report no.8. Raman spectra of a few aromatic hydrocarbons. Izv.AN SSSR.Ser.fiz.19 no.2:225-233 Mr-Ap '55. (MLRA 9:1)

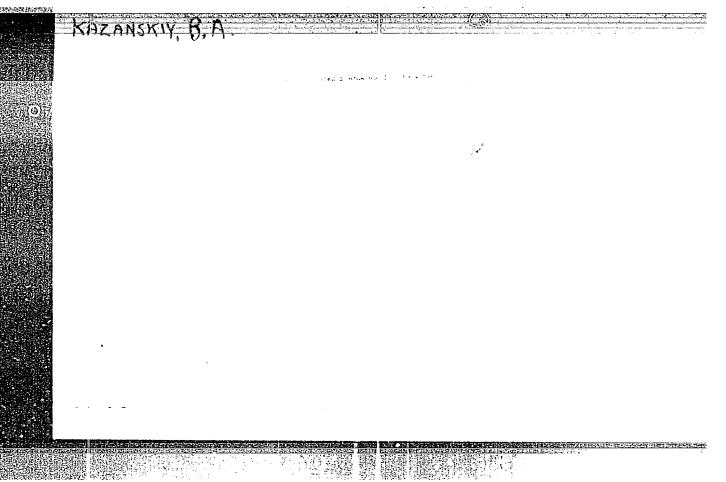
1.Komissiya po spektroskopii i Institut organicheskoy khimii imeni N.D.Zelinskogo Akademii nauk SSSR. (Tartu--Spectrum analysis--Congresses)



KAZANSKIY, B.A.

7





KAZANSKIY, B.A.; GOSTUNSKAYA, I.V.

Addition of hydrogen to an isolated double bend effected by calcium hexaammeniate. Zhur.eb.khim. 25 ne.9:1701-1711 S 155. (MIRA 9:2)

1. Moskovskiy gosudarstvennyy universitet. (Hydrocarbens) (Ammines) (Hydrogenation)

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000721320001-5"

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GOSTUNSKAYA, I.V.; KAZANSKIY, B.A.

Isomerization of unsaturated hydrocarbons effected by calcium amide. Zhur. ob. khim. 25 no.10:1995-2001 S 155. (MIRA 9:2)

1. Moskovskiy gosudarstvennyy universitet. (Compounds, Unsaturated) (Isomers and isomerization)

KAZANSKIY, B.A.; ALEKSANYAN, V.T.; LUKINA, M.Yu; MALYSHEV, A.I.; STERIN, Kh.Yo.

Isomerization of ethylcyclopropane on silica gel under the conditions of adsorption chromatographic analysis. Izv.AN SSSR.Otd.khim.nauk 86 no.6:1118-1119 Hy 155. (MIRA 9:4)

1.Institut organicheskey khimii imeni.N.D.Zelinskogo Akademii nauk SSSR.

(Cyclepropane) (Chromategraphic analysis)

KAZANSKIY, B.A.
USSE, Chemistry - Organic chemistry

Card 1/1

Pub. 22 - 26/52

Authors

Kazanskiy, B. A. Academician; Lukina, M. Yu; Nakhapetyan, L. A.

Title

Dehydration of dimethylcyclobutylcarbinol

Periodical :

Dok. AN SSSR 101/4, 683-686, Apr 1, 1955

Abstract

Experimental data are presented on the derivation of two olefine hydrocarbons, with four-membered ring, through the dehydration of dimethylcyclobutylcarbinol in heated state and the addition of concentrated H_2SO_{ll} . The entire dehydration-synthesis process and the hydrocarbon yields obtained are described. The results obtained were compared with those of other previous attempts to synthesize four-membered olefines and the findings are listed. Ten references: 5 Russian and Soviet; 4 USA and 1 Belgian (1905-1953). Diagram.

Institution :

Acad. of Sc., USSR, The N. D. Zelinskiy Inst. of Organ. Chem.

Submitted

December 8, 1954

KAZANSKIY K.A.

USER/Chemistry - Organic chemistry

Card 1/1

Pub. 22 - 24/51

Authors

Kazanskiy, B. A., Academician, and Idberman, A. L.

Title

About stereoisomeric 1-methyl-4-ethylcyclohexanes

Periodical : Dok. AN SSSR 101/5, 877-380, Apr 11, 1955

Abstract

The experimental synthesis of 1-methyl-h-ethylcyclohexane and the splitting of same into stereoisomers through accurate rectification are described. Measures were taken during each phase of the synthesis to obtain possibly pure intermediate substances even at the expense of reducing the total yield of the hexane. It was found that an increase in molecular weight of the stereoisomers was always followed by an approximation of their boiling points, indices of refraction and specific weights. The physico-chemical properties of stereoisomeric 1-methyl-4ethylcyclohexanes are described. Eighteen references: 7 USSR, 6 USA, 2 English, 2 German and 1 French (1922-1954). Tables; graph.

Institution: Acad. of Sc., USSR, The N. D. Zelinskiy Inst. of Organ. Chem.

Submitted

: December 27, 1954

